



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Awarding Contract for the Water/Wastewater Main Replacement Program (Project No. 1) to Crutchfield Construction Company, of Stockton (\$911,530); and Appropriate \$1,150,000 for the Project

MEETING DATE: August 21, 2002

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council adopt a resolution awarding the contract for the above project to Crutchfield Construction Company, of Stockton, in the amount of \$911,526; and appropriate funds in accordance with the recommendation below.

BACKGROUND INFORMATION: The Water/Wastewater Main Replacement Program is a multi-year, multi-project program to rehabilitate existing water and wastewater infrastructure in the oldest parts of the City. The limits of Project No. 1 are Stockton Street, Cherry Street, Central Avenue and Mission Street.

Project No. 1 includes trenchless rehabilitation of approximately 3,450 LF of existing 6-inch diameter wastewater main located in the backyards of homes; installation of approximately 1,450 LF of new 6-inch and 8-inch diameter wastewater main; installation of approximately 3,300 LF of new 8-inch diameter water main in the public right-of-way, along with new water services (see attached map).

Plans and specifications for this project were approved on June 19, 2002. On July 31, 2002, sealed bids were opened with the following results:

Bidder	Location	Bid
Engineering Estimate		\$1,289,846
Crutchfield Construction Company	Stockton	\$ 911,526
Ford Construction Company, Inc.	Lodi	\$1,964,195

The bid submitted by Crutchfield Construction Company is compliant with the City's plans and specifications and the bidder possesses the required valid contractor's license. A bid summary is attached.

Construction of this project is anticipated to start in early September of this year. Inspection and construction management services will be performed by City staff. In addition, City water/wastewater crews will perform taps on existing mains. Staff, along with the contractor, will be holding public information meetings to inform the community about the construction schedule and project activities.

An additional component of this project includes slurry sealing streets to mitigate the trench damage within the project area. However, due to the timing of this project, it is desirable to postpone the slurry seal component until the summer of 2003 to coincide with the regular street maintenance slurry program. At such time, this additional slurry seal work will be funded by the Water and Wastewater Utility Capital Outlay Funds.

APPROVED: _____


H. DIXON FLYNN -- CITY MANAGER

CAWARD

08/12/02

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(Project No. 1) to Crutchfield Construction Company, of Stockton (\$911,530); and Appropriate
\$1,150,000 for the Project
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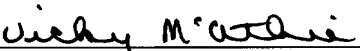
FUNDING: Funding for this project will be from the Water and Wastewater Capital Outlay Funds and distributed as shown below:

Requested Appropriation: \$1,150,000

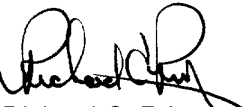
Water Utility Capital Outlay Fund	\$770,500
Wastewater Utility Capital Outlay Fund	\$379,500

Total Project Estimate: \$1,150,000
Bid Opening Date: July 31, 2002

Funding Available:


Vicky McAthie, Finance Director

The difference between the contract and the requested appropriation includes funds for City-supplied labor, water and wastewater materials, materials testing, and contingencies to fund anticipated change orders arising from unforeseen changes in the work.

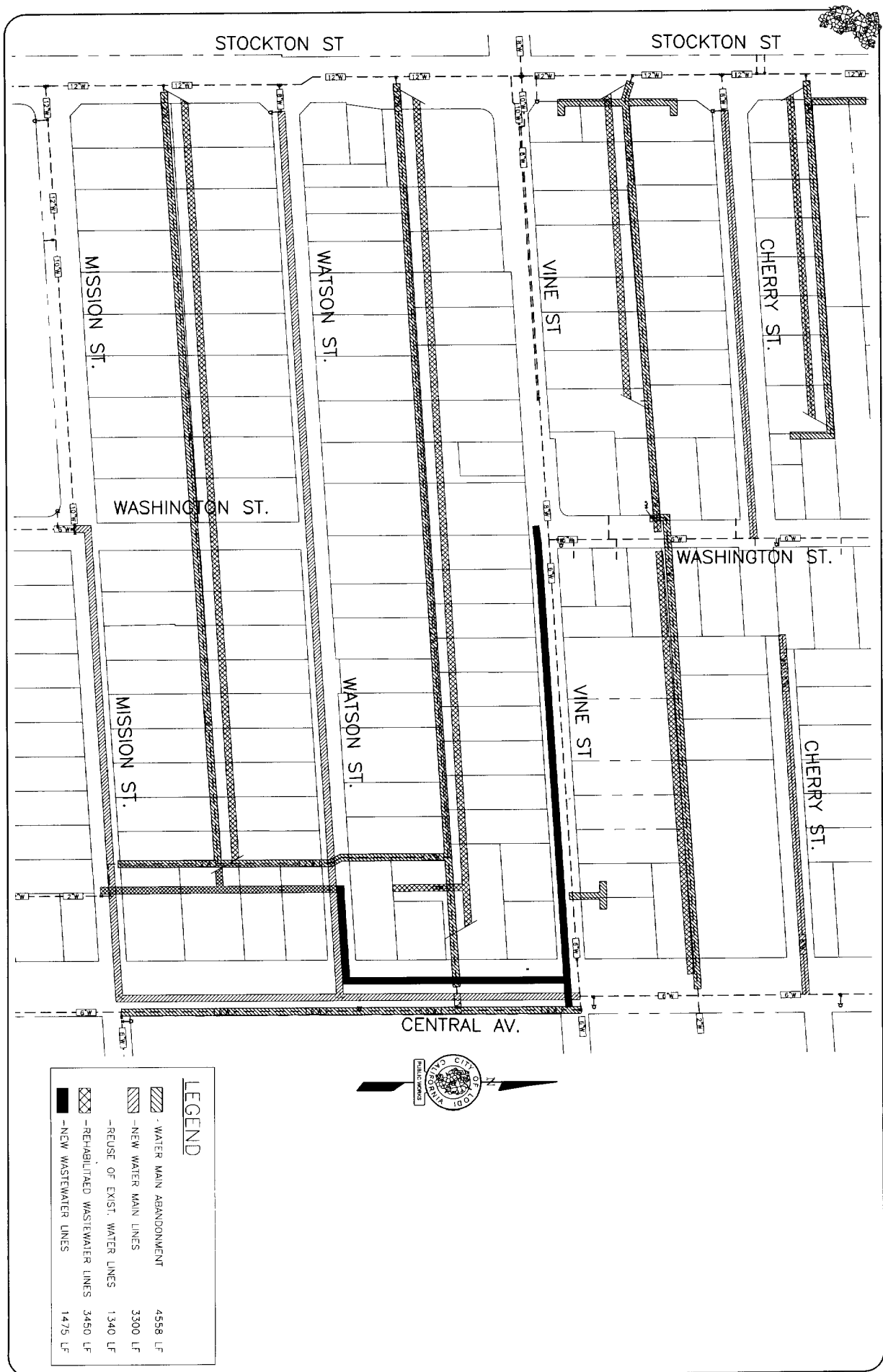

Richard C. Prima, Jr.
Public Works Director

Prepared by Charlie Swimley, Senior Civil Engineer

RCP/CES/lm

Attachments

cc: Randy Hays, City Attorney
F. Wally Sandelin, City Engineer
Wes Fujitani, Senior Civil Engineer
Sharon Welch, Senior Civil Engineer
Paula Fernandez, Senior Traffic Engineer
Joel Harris, Purchasing Officer
Fran Forkas, Water/Wastewater Superintendent
George Bradley, Street Superintendent



**City of Lodi
Water Wastewater Main Replacement Program
(Project No. 1)**

				Engineer's Estimate		Crutchfield Construction	
Item No.	Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
A	Miscellaneous						
1	Mobilization	LS	1	\$ 63,000.00	\$ 63,000.00	\$ 50,000.00	\$ 50,000.00
2	Construction Photography	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 4,000.00	\$ 4,000.00
3	Public Notification	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
4	Clean and CCTV Existing 6" Wastewater Pipeline	LF	3,400	\$ 2.25	\$ 7,650.00	\$ 2.25	\$ 7,650.00
5	Sheeting, shoring, sloping, and bracing or equivalent method conforming to applicable safety standards.	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
	Subtotal Miscellaneous				\$ 93,150.00		\$ 86,650.00
B	Wastewater						
1	Install new 8" Wastewater Pipeline by open-cut methods	LF	810	\$ 140.00	\$ 113,400.00	\$ 46.00	\$ 37,260.00
2	Install new 6" Wastewater Pipeline by open-cut methods	LF	665	\$ 120.00	\$ 79,800.00	\$ 45.00	\$ 29,925.00
3	Rehabilitate Existing 6" Wastewater Pipeline	LF	3,438	\$ 70.00	\$ 240,660.00	\$ 29.00	\$ 99,702.00
4	Internal / External Lateral Reinstatement	EA	146	\$ 345.00	\$ 50,370.00	\$ 305.00	\$ 44,530.00
5	Point Repair - Open Cut Method	EA	4	\$ 2,500.00	\$ 10,000.00	\$ 2,050.00	\$ 8,200.00
6	Manhole Rehabilitation	EA	18	\$ 1,500.00	\$ 27,000.00	\$ 1,325.00	\$ 23,850.00
7	Abandon Existing 6" Wastewater Pipeline	LF	132	\$ 23.00	\$ 3,036.00	\$ 20.00	\$ 2,640.00
8	Install 24" Diameter Riser	EA	2	\$ 1,750.00	\$ 3,500.00	\$ 800.00	\$ 1,600.00
9	WW Service Cleanout	EA	1	\$ 850.00	\$ 850.00	\$ 525.00	\$ 525.00
10	Install WW Manhole	EA	4	\$ 2,500.00	\$ 10,000.00	\$ 2,000.00	\$ 8,000.00
11	Abandon Exist. WW Manhole	EA	2	\$ 750.00	\$ 1,500.00	\$ 900.00	\$ 1,800.00
	Subtotal Wastewater				\$ 540,116.00		\$ 258,032.00
C	Water Improvements						
1	Install new 8" Water Main	LF	2,628	\$ 85.00	\$ 223,380.00	\$ 50.00	\$ 131,400.00
2	Install new 6" Water Main	LF	676	\$ 75.00	\$ 50,700.00	\$ 49.00	\$ 33,124.00
3	Install 1" Water Service w/ Valve Box (Tapping New Mains)	EA	105	\$ 950.00	\$ 99,750.00	\$ 1,400.00	\$ 147,000.00
3	Install 1" Water Service w/ Valve Box (Tapping Exist. Mains)	EA	54	\$ 700.00	\$ 37,800.00	\$ 1,300.00	\$ 70,200.00
4	Connect New Water Service to Buildings	EA	142	\$ 750.00	\$ 106,500.00	\$ 950.00	\$ 134,900.00
5	Install 8" Gate Valve	EA	6	\$ 800.00	\$ 4,800.00	\$ 900.00	\$ 5,400.00
6	Install 6" Gate Valve	EA	1	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00
7	Install Fire Hydrant Assembly	EA	7	\$ 2,700.00	\$ 18,900.00	\$ 3,000.00	\$ 21,000.00
8	Install Permanent Water Blow Off	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 600.00	\$ 600.00
	Subtotal Water				\$ 544,030.00		\$ 544,424.00
D	Storm Drain Improvements						
1	Install new 12" Storm Drain	LF	35	\$ 70.00	\$ 2,450.00	\$ 47.00	\$ 1,645.00
2	Abandon Existing 8" Storm	LF	35	\$ 60.00	\$ 2,100.00	\$ 15.00	\$ 525.00
	Subtotal Storm Drain Improvements				\$ 4,550.00		\$ 2,170.00
E	Street Improvements						
2	Replace Existing Landscape Improvements Damaged during W/WW service connection/disconnection, and Point Repairs.	EA	135	\$ 800.00	\$ 108,000.00	\$ 150.00	\$ 20,250.00
	Subtotal Landscape Improvements				\$ 108,000.00		\$ 20,250.00
	Total Bid Price				\$ 1,289,846.00		\$ 911,526.00

City of Lodi
Water Wastewater Main Replacement Program
(Project No. 1)

Item No.	Description	Unit	Quantity	Ford Construction		Contractor Average	
				Unit Price	Total Price	Unit Price	Total Price
A	Miscellaneous						
1	Mobilization	LS	1	\$ 170,000.00	\$ 170,000.00	\$ 110,000.00	\$ 110,000.00
2	Construction Photography	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00
3	Public Notification	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00
4	Clean and CCTV Existing 6" Wastewater Pipeline	LF	3,400	\$ 2.00	\$ 6,800.00	\$ 2.13	\$ 7,225.00
5	Sheeting, shoring, sloping, and bracing or equivalent method conforming to applicable safety standards.	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00
	Subtotal Miscellaneous				\$ 188,800.00		\$ 137,725.00
B	Wastewater						
1	Install new 8" Wastewater Pipeline by open-cut methods	LF	810	\$ 100.00	\$ 81,000.00	\$ 73.00	\$ 59,130.00
2	Install new 6" Wastewater Pipeline by open-cut methods	LF	665	\$ 75.00	\$ 49,875.00	\$ 60.00	\$ 39,900.00
3	Rehabilitate Existing 6" Wastewater Pipeline	LF	3,438	\$ 30.00	\$ 103,140.00	\$ 29.50	\$ 101,421.00
4	Internal / External Lateral Reinstatement	EA	146	\$ 275.00	\$ 40,150.00	\$ 290.00	\$ 42,340.00
5	Point Repair - Open Cut Method	EA	4	\$ 5,000.00	\$ 20,000.00	\$ 3,525.00	\$ 14,100.00
6	Manhole Rehabilitation	EA	18	\$ 1,200.00	\$ 21,600.00	\$ 1,262.50	\$ 22,725.00
7	Abandon Existing 6" Wastewater Pipeline	LF	132	\$ 125.00	\$ 16,500.00	\$ 72.50	\$ 9,570.00
8	Install 24" Diameter Riser	EA	2	\$ 3,600.00	\$ 7,200.00	\$ 2,200.00	\$ 4,400.00
9	WW Service Cleanout	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,012.50	\$ 1,012.50
10	Install WW Manhole	EA	4	\$ 3,000.00	\$ 12,000.00	\$ 2,500.00	\$ 10,000.00
11	Abandon Exist. WW Manhole	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 1,550.00	\$ 3,100.00
	Subtotal Wastewater				\$ 357,365.00		\$ 307,698.50
C	Water Improvements						
1	Install new 8" Water Main	LF	2,628	\$ 140.00	\$ 367,920.00	\$ 95.00	\$ 249,660.00
2	Install new 6" Water Main	LF	676	\$ 135.00	\$ 91,260.00	\$ 92.00	\$ 62,192.00
3	Install 1" Water Service w/ Valve Box (Tapping New Mains)	EA	105	\$ 3,000.00	\$ 315,000.00	\$ 2,200.00	\$ 231,000.00
3	Install 1" Water Service w/ Valve Box (Tapping Exist. Mains)	EA	54	\$ 2,700.00	\$ 145,800.00	\$ 2,000.00	\$ 108,000.00
4	Connect New Water Service to Buildings	EA	142	\$ 2,500.00	\$ 355,000.00	\$ 1,725.00	\$ 244,950.00
5	Install 8" Gate Valve	EA	6	\$ 1,000.00	\$ 6,000.00	\$ 950.00	\$ 5,700.00
6	Install 6" Gate Valve	EA	1	\$ 900.00	\$ 900.00	\$ 850.00	\$ 850.00
7	Install Fire Hydrant Assembly	EA	7	\$ 5,000.00	\$ 35,000.00	\$ 4,000.00	\$ 28,000.00
8	Install Permanent Water Blow Off	EA	1	\$ 900.00	\$ 900.00	\$ 750.00	\$ 750.00
	Subtotal Water				\$ 1,317,780.00		\$ 931,102.00
D	Storm Drain Improvements						
1	Install new 12" Storm Drain	LF	35	\$ 350.00	\$ 12,250.00	\$ 198.50	\$ 6,947.50
2	Abandon Existing 8" Storm	LF	35	\$ 200.00	\$ 7,000.00	\$ 107.50	\$ 3,762.50
	Subtotal Storm Drain Improvements				\$ 19,250.00		\$ 10,710.00
E	Street Improvements						
2	Replace Existing Landscape Improvements Damaged during W/WW service connection/disconnection, and Point Repairs.	EA	135	\$ 600.00	\$ 81,000.00	\$ 375.00	\$ 50,625.00
	Subtotal Landscape Improvements				\$ 81,000.00		\$ 50,625.00
	Total Bid Price				\$ 1,964,195.00		\$ 1,437,860.50

RESOLUTION NO. 2002-183

A RESOLUTION OF THE LODI CITY COUNCIL AWARDING THE
CONTRACT FOR THE WATER/WASTEWATER MAIN REPLACEMENT
PROGRAM (PROJECT NO. 1), AND FURTHER APPROPRIATE
FUNDS TO COVER THE PROJECT

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on July 31, 2002 at 11:00 a.m. for the Water/Wastewater Main Replacement Program (Project No. 1), described in the specifications therefore approved by the City Council on June 19, 2002; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as follows:

<u>Bidder</u>	<u>Location</u>	<u>Bid</u>
Engineering Estimate		\$1,289,846.00
Crutchfield Construction Company	Stockton	\$ 911,526.00
Ford Construction Company, Inc.	Lodi	\$1,964,195.00

WHEREAS, the City Manager recommends award of the contract for the Water/Wastewater Main Replacement Program (Project No. 1) to Crutchfield Construction Company, of Stockton, California.

NOW, THEREFORE, BE IT RESOLVED, that the Lodi City Council does hereby award the contract for the Water/Wastewater Main Replacement Program (Project No. 1) to Crutchfield Construction Company, of Stockton, California, in the amount of \$911,526.00; and

BE IT FURTHER RESOLVED that funds in the amount of \$1,150,000.00 be appropriated as follows for this project:

Water Utility Capital Outlay Fund	\$770,500.00
Wastewater Utility Capital Outlay Fund	\$379,500.00

Dated: August 21, 2002

I hereby certify that Resolution No. 2002-183 was passed and adopted by the City Council of the City of Lodi in a regular meeting held August 21, 2002, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Howard, Land, Nakanishi, and Mayor Pennino

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


SUSAN J. BLACKSTON
City Clerk